From: Steve Sundet [sundet@mcrea.org]
Sent: Wed 4/7/2004 3:03 PM
To: ruscomme@RUS.usda.gov
Subject: Specifications and Drawings for 12.47/7.2 kV Line Construction

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Richard,

Morgan County REA has done a quick review of the proposed specifications. I did not have time to verify the material lists or some of the design tables.

The general feeling around the office is why mess with the existing standards? Everyone here knows what a C1 is but does not know what a C1.11 is. Our assembly database is already set up with the existing standards. To convert to the new numbering system, while having to maintain the existing one would take considerable time and effort. I appreciate the fact that RUS will allow us to continue using the "old" designations and hope that will continue in the future.

I would like to point out many of the minor errors I discovered while reviewing the specifications. Hopefully many of these have been already caught, but if not, I hope they will be included in the final publication. My comments follow:

INDEX A (Page 2)	Drawing A5 should be listed above Drawing A5.1 to keep same order as specs.
Drawing A2.1P, A2.2P	On Assembly Material list change A1.4P to A2.1P and A1.5P to A2.2P, also on drawing where it says Specify A1.5P change to Specify A2.2P.
Drawing A5.7N	Under the Note, change 3-phase arrow to 3-phase narrow.
INDEX F	Change (F4-1S) to (F4-1E), (F4.1E) to (F4-1S), (FS-1) to (F5-1), and (FS-2) to (F5-2).
Drawing F4.1, F4.2	Swap old assembly numbers, F4.1 new is (F4-1E) old, and F4.2 new is (F4-1S) old.
INDEX G	Add old (G136-) next to G1.2, and add old (G39-) next to G1.7.
INDEX J	Change k14C to K14C, add (J7C) next to (J7), and add (J11) next to (J6).
Drawing J2.1	Add K14C next to J10.
INDEX K	Add (K14L) next to (K14), add (K11L) next to (K11), add (K10L) next to (K10), add (K17L) next to (K17), and add old (M8-10) across from new K4.3G.
INDEX L	L1.1G refers to old (M41-10), L1.2G refers to old (M42-3,11,13,21), L2.2G refers to old (M42-13) L3.1G refers to old (M41-1,10), L3.2G refers to old (M42-3,21), L3.3G refers to old (M42-11,13).
INDEX M	New M1.30G should cross reference old (R1).
INDEX N	Change N5.1 and N5.2 to subheadings under new N5 and add N5.3, add old cross reference (M5-25) across from new N5.1, and add old (M5-26) across from new N5.3.
Drawing N5	Delete old (J6). This is not a secondary unit and is a new drawing per exhibit 4.

INDEX Q	Change (M-8) to (M8), change (M8-11) to (M8-6), add old (M8-12) across from Q3.2, add old (M8-11) across from Q3.3, add old (M8-15) across from Q4.1.
Drawing Q1.1	Change (M-8) to (M8)
INDEX R	Add old (M3-10) across from R1.1, add old (M3-23A) across from R1.2, add new R2.1 and old (M3-11A) add old (M3-12A) across from R3.1, add new R2.2 and old (M3-24A), add old (M3-25A) across from R3.2
INDEX S	Add new S2.21 and old (M3-2A) just above S2.31
Drawing S2.31	Add S2.21 and (M3-2A) to title block, change title to (TWO OR THREE SINGLE-PHASE)
INDEX W	Change (M9-20) to (M20), add old (M19) across from W2.1G, add old (M5-13) across from W3.2
Drawing W1.1G	Change (M-20) to (M20)
INDEX Y	Add old (M7-13) across from Y1.3, add new Y2.2, add new Y3.2 and old (M9-12), add old (M9-13) across from Y3.3
Drawing Y2.1	Add Y2.2 to title block
Exhibit 3, Page 2	Change C2.24P to C2.25P and also change C2.25P to C2.24P
Exhibit 3, Page 3	On C8-1 change (Replaced with C6.51) to (Replaced with C6.52), On C8-2 change (Similar to C5.21) to (Similar to C6.21)
Exhibit 3, Page 4	Change F4.2 to F4.1 and also change F4.1 to F4.2
Exhibit 3, Page 6	On old M3-2A, add new S2.21 and change Discontinued to Slight material changes.
Exhibit 3, Page 7	On old M5-26, add new N5.3 and change Discontinued to No material changes.
Exhibit 4, Page 4	On D1.4NP and D2.9NP, add a) at end of INSULATORS.
Exhibit 4, Page 6	Under Y2.1, add Y2.2

If any of these comments are unclear or if I can be of any help, please contact me.

Thank you,
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